

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
455 12TH STREET, S.W.  
WASHINGTON, D.C. 20554

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## Report No. 354                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 12/1/02 to 1/1/03:

- **WC2XND THE BOEING COMPANY 0272-EX-PL-2000**  
New experimental to operate in 174-18000 MHz for Radar cross section data collection.  
Fixed: St. Louis, MO
- **WC2XUC LEWELLEN ARCTIC RESEARCH, INC. 0262-EX-PL-2001**  
New experimental to operate an ARGOS satellite on 401.65 MHz to study Alaskan tundra.  
Fixed: North Slope Borough, AK
- **WD2XAB CALIFORNIA, STATE OF 0237-EX-PL-2002**  
New experimental to operate on 401.7895 MHz, 401.8855 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: Three Rivers, CA
- **WD2XAC CALIFORNIA, STATE OF 0238-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: Lee Vining, CA
- **WD2XAD CALIFORNIA, STATE OF 0239-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: El Portal, CA
- **WD2XAE CALIFORNIA, STATE OF 0240-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: Bishop, CA
- **WD2XAF CALIFORNIA, STATE OF 0241-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: Bishop, CA
- **WD2XAG CALIFORNIA, STATE OF 0242-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: El Portal, CA
- **WD2XAI CALIFORNIA, STATE OF 0243-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: El Portal, CA

- **WD2XAJ CALIFORNIA, STATE OF 0244-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: Castaic, CA
- **WD2XAK CALIFORNIA, STATE OF 0245-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: Mineral, CA
- **WD2XAN CALIFORNIA, STATE OF 0246-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire weather and water runoff monitoring.  
Fixed: Annapolis, CA
- **WD2XAT CALIFORNIA, STATE OF 0256-EX-PL-2002**  
New experimental to operate on 401.7895 MHz for GOES satellite fire and water runoff monitoring.  
Fixed: Lathrop, CA
- **WC2XZR ALLIGATOR COMMUNICATIONS 0215-EX-PL-2002**  
New experimental to operate in 450 - 512 MHz, 928 - 952 MHz for master station to remote transceiver demonstrations  
Mobile: Continental United States, Hawaii and Alaska
- **WD2XBK RADIOFRAME NETWORKS, INC. 0265-EX-PL-2002**  
New experimental to operate in 851-894, 902-928, 1850-1880 and 1930-1990 MHz for test and development of wireless technology for export.  
Fixed: Bellevue (King), WA
- **WC2XOE LOCKHEED MARTIN CORPORATION 0025-EX-PL-2001**  
New experimental to operate in 902 MHz - 101 GHz for Radar cross section measurement range.  
Fixed: BITHLO, FL
- **WC2XPM US SEA LAUNCH 0085-EX-PL-2001**  
New experimental to operate on 1438.5 and 1521.5 MHz for test of control links prior to deployment at sea.  
Fixed: Long Beach, CA
- **WC2XXE AURORA FLIGHT SCIENCES CORPORATION 0033-EX-PL-2002**  
New experimental to operate on 1440.5, 1460.5, 1494.5, 2367.5, 2380.5, 2387.5 MHz, and in 1710-1850 MHz for testing of unmanned aircraft.  
Fixed & Mobile: Manassas (Prince William), VA; Blossom Point, MD
- **WD2XBB GEORGIA INSTITUTE OF TECHNOLOGY 0267-EX-PL-2002**  
New experimental to operate in 1915.2-1916.8 MHz to test OFDM over a high mobility link.  
Mobile: Atlanta, GA
- **WD2XBG GENERAL DYNAMICS DECISION SYSTEMS 0268-EX-PL-2002**  
New experimental to operate in 1920-1930, 2110-2120 MHz for Third Generation MTS cellular/base station demos.  
Fixed & Mobile Scottsdale, AZ; Charleston (Charleston), SC
- **WC2XZC GENERAL DYNAMICS ROBOTICS SYSTEMS (GDRS) 0203-EX-PL-2002**  
New experimental to operate in 2418-2497 MHz Mobile to operate WLAN land mobile robots.  
Mobile: US Army Air defense Artillery Center, Fort Bliss, New Mexico, Macgregor Range, Area 8
- **WD2XAS IPWIRELESS INC. 0220-EX-PL-2002**  
New experimental to operate in 2662-2674 MHz, 2674-2686 MHz for Third Generation UMTS TD-CDMA Broadband Internet.  
Fixed: San Bruno, CA; Burlingame, CA; South San Francisco, CA
- **WD2XAW LOCKHEED MARTIN CORPORATION 0258-EX-PL-2002**  
New experimental to operate on 9170 and 9438 MHz for Maritime radar demonstration to US Navy.  
Fixed: Syracuse (Onondaga), NY

- **WD2XAU VIASAT, INC. 0257-EX-PL-2002**  
New experimental to operate in 14000-14500 MHz for test and evaluation of VSATs.  
Fixed: Carlsbad (San Diego), CA
- **WD2XBC MICROWAVE NETWORKS, INCORPORATED 0260-EX-PL-2002**  
New experimental to operate in 17.7-19.7 GHz, 21.2-23.6 GHz for Point-to-point microwave link demos.  
Mobile: Stafford (Fort Bend), TX
- **WC2XZU FORD COMMUNICATIONS INC 0214-EX-PL-2002**  
New experimental to operate on 76.5 GHz for vehicle noise and climate data transmission.  
Mobile: Continental United States, Alaska and Hawaii